

Docket Number: 008312-0307436



PATENT APPLICATION

Client Reference: T4KN-03S1007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

TOSHITAKA YAMADA, et al.

Group Art Unit: 2872

Application No.: 10/743,254

Examiner: Unassigned

Filed: December 23, 2003

Confirmation No.: 4461

For: SEMICONDUCTOR LASER APPARATUS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the reference(s) has been considered, per MPEP § 609.

This Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

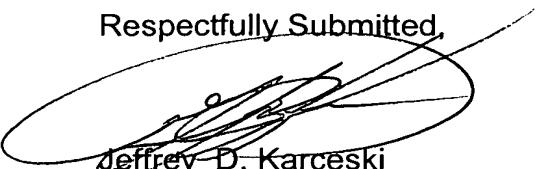
The reference(s) were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

" . A concise explanation of the relevance of JP 51-100687, for which an English abstract is not available, appears in the Appendix attached hereto.

English-language Abstracts of the remaining non-English language references are attached hereto, and are relied upon for a statement of relevance for those references.



Respectfully Submitted,


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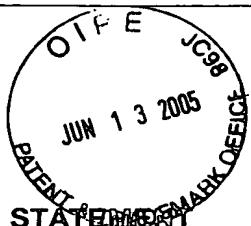


APPENDIX

Concise Explanation

Relying on the Japanese Office Action, it appears that the Examiner relied upon Figs. 1 and 2 of JP 51-100687, which, like four of the remaining references, show the contact surface between a first electrode and a contact layer being oblique to an optical axis.

FORM PTO-1449 (modified)
 To: U.S. Department of Commerce
 (PW FORM PAT-1449)
 Patent and Trademark Office



**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: June 9, 2005

P **1** of **1**

Atty. Dkt. No.	M#	Client Ref.
	008312-0307436	T4KN-03S1007
Applicant: Yamada, Toshitaka et al.		
Appln. No.: 10/743,254		
Filing Date: December 23, 2003		
Examiner: Unassigned	Group Art Unit: 2872	

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR						
BR						
CR						
DR						
ER						
FR						
GR						
HR						
IR						
JR						
KR						
LR						
MR						
NR						

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
OR	JP 01-207985 A	08/1989	Japan	IKEDA		x		
PR	JP 51-100687	09/1976	Japan	SAKUMA et al.				
QR	JP 53-5984	01/1978	Japan	PIITAA		x		
RR	JP 08-211342 A	08/1996	Japan	TAKANO et al.		x		
SR	JP 55-11400 A	01/1980	Japan	DONARUDO et al.		x		
TR	JP 59-154089 A	09/1984	Japan	MAMINE et al.		x		
UR	WO 02/082163 A1	10/2002	WIPO	YA-MAGUCHI et al.		x		
VR								
WR								
XR								

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	Japanese Office Action dated April 19, 2005 for Appln. No. 2002-378280	
ZR		
AAR		
BBR		

Examiner	Date Considered:
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	